

Comparisons of Job Characteristics

Focus Occupation: [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

Associated Occupation: [Medical Assistants \(31-9092\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Medical Assistants (31-9092)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	13.7	21.0	>>	Current knowledge level is likely more than sufficient
Clerical	7.3	12.7	8.5	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	12.5	16.4	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Medical Assistants (31-9092)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Active Listening	11.0	13.3	11.5	<	A higher skill level may be required
Speaking	10.8	13.0	12.0	0	Current skill level may be sufficient
Monitoring	9.9	11.5	10.6	0	Current skill level may be sufficient
Social Perceptiveness	9.1	11.4	11.2	0	Current skill level may be sufficient
Service Orientation	7.9	10.1	11.9	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)**Associated Occupation: Medical Assistants (31-9092)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Expression	12.4	13.9	11.9	<	Some improvement in abilities may be required
Oral Comprehension	12.5	13.5	13.5	0	Current ability level may be sufficient
Problem Sensitivity	11.1	11.6	12.8	>	Current ability level is likely sufficient
Speech Clarity	10.2	11.4	10.6	0	Current ability level may be sufficient
Written Comprehension	11.0	11.4	10.1	<	Some improvement in abilities may be required
Near Vision	11.1	11.2	11.2	0	Current ability level may be sufficient
Speech Recognition	9.9	11.0	11.6	0	Current ability level may be sufficient
Written Expression	9.8	10.7	8.7	<	Some improvement in abilities may be required
Perceptual Speed	7.4	8.2	11.0	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)**Associated Occupation: Medical Assistants (31-9092)**

Work Activities	Exclusivity of Activity
Administer injections	60
Administer medications or treatments	46
Follow patient care procedures	60
Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Observe patient condition	48
Obtain information from clients, customers, or patients	40
Record medical history or data	68
Set up patient care equipment	75
Take vital signs	56
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48
Work with persons with mental disabilities or illnesses	62

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)
Associated Occupation: Medical Assistants (31-9092)

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Data management and query software	1
Electrocardiography EKG units and related products	20
Industry specific software	1
Injection and aspiration needles and accessories	25
Intubation supplies	21
Medical suction and vacuum products	33
Oxygen therapy delivery systems and devices	13
Respiratory humidity and aerosol therapy products	31
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.